

Title (en)

CURRENT DAC CODE INDEPENDENT SWITCHING

Title (de)

KODE-UNABHÄNGIGES SCHALTVERFAHREN FÜR EINEN DAW DES STROMTYP

Title (fr)

COMMUTATION INDEPENDANTE DE CODE DE CONVERTISSEUR NUMERIQUE-ANALOGIQUE DE COURANT

Publication

EP 1586165 A2 20051019 (EN)

Application

EP 04704794 A 20040123

Priority

- US 2004001717 W 20040123
- US 35106603 A 20030124

Abstract (en)

[origin: US6768438B1] Methods and devices for code independent switching in a digital-to-analog converter (DAC) are described. A synchronous digital circuit is triggered by a clocking signal and develops a digital data signal. A current steering circuit has a common source node for supplying current, and develops an analog output signal representative of the digital data signal. Any switching disturbances at the common source node are substantially data independent.

IPC 1-7

H03M 1/06

IPC 8 full level

H03M 1/06 (2006.01); **H03M 1/08** (2006.01); **H03M 1/74** (2006.01)

CPC (source: EP US)

H03M 1/068 (2013.01 - EP US); **H03M 1/0836** (2013.01 - EP US); **H03M 1/742** (2013.01 - EP US)

Citation (search report)

See references of WO 2004068717A2

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DOCDB simple family (publication)

US 2004145505 A1 20040729; **US 6768438 B1 20040727**; CN 100536341 C 20090902; CN 1742435 A 20060301; EP 1586165 A2 20051019; JP 2006517768 A 20060727; WO 2004068717 A2 20040812; WO 2004068717 A3 20040930

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